



2662\$

S.A. Mujtaba 6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Syed Aon Mujtaba

Case: 6

Serial No.: 09/200,523

Filing Date: November 25, 1998

Group: 2662

Examiner: Joseph B. Logsdon

Title: Methods and Apparatus for Wireless Communication  
Using Orthogonal Frequency Division Multiplexing

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature: James M. Handley Date: November 21, 2002

TRANSMITTAL LETTER

RECEIVED

DEC 02 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

Technology Center 2600

Sir:

Submitted herewith is the following document relating to the above-identified patent application:

(1) Response to Office Action.

Please extend the period for response by two months to November 21, 2002. Please charge **Ryan, Mason & Lewis, LLP Deposit Account No. 50-0762** the amount of \$400, to cover this fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0762** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Date: November 21, 2002

Joseph B. Ryan  
Attorney for Applicant(s)  
Reg. No. 37,922  
Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, NY 11560  
(516) 759-7517



# 8 Ext. (2) / Reg for Recn.  
Smw 12-4-02

S.A. Mujtaba 6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Syed Aon Mujtaba  
Case: 6  
Serial No.: 09/200,523  
Filing Date: November 25, 1998  
Group: 2662  
Examiner: Joseph B. Logsdon

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature: Lense H. Haskin Date: November 21, 2002

Title: Methods and Apparatus for Wireless Communication  
Using Orthogonal Frequency Division Multiplexing

RECEIVED

DEC 02 2002

Technology Center 2600

RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This is submitted in response to the outstanding second non-final Office Action dated June 21, 2002 in the above-identified application. The period for response has been extended by two months to November 21, 2002.

REMARKS

The present application was filed on November 25, 1998 with claims 1-21. In the second non-final Office Action dated June 21, 2002, the Examiner rejected claims 1-21 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,169,723 (hereinafter "Fertner") in view of A.I. El-Arabawy et al., "Reduced Mobile Complexity Scheme for Fast Fading Channel Estimation in OFDM-FDD Mobile Communication Systems" (hereinafter "El-Arabawy").

In this response, Applicant traverses the § 103(a) rejection. Applicant respectfully requests reconsideration of the present application in view of the following remarks.